

ABSTRACT

POWER SUPPLY SWITCHING METHOD AND APPARATUS, AND MULTI-POWER SUPPLY SYSTEM

Disclosed are a power supply switching method and apparatus, and a multi-power supply system. The method is applied to a multi-power supply system which comprises an alternating-current power supply, a direct-current power supply and an energy storage power supply. The method comprises: obtaining a power supply switching instruction, where the power supply switching instruction comprises a power supply switching direction; and controlling, according to the power supply switching direction, the energy storage power supply to perform a voltage transition in the power supply switching process. The present invention can achieve the soft switching of the power supply, avoids large short-time fluctuations of the bus voltage in the power supply switching process, and ensures the stable operation of the multi-power supply system.

[Figure 2]